

Scientific Drilling

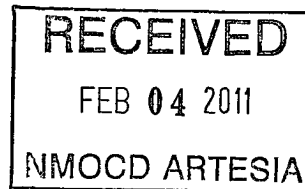
Gyroscopic Survey Report
for
DEVON ENERGY

30-015-37651

Well Location	EDDY COUNTY, NEW MEXICO
Well Name	NORTH PURE GOLD 8 FED. #13H
Rig Name	H & P #372
Survey Date	7/18/2010
Latitude	32.31 deg
North Reference	Grid North
Grid Correction	-0.29 deg
Depth Reference	RKB
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 359.63Azim (deg)
Definitive Survey	FINAL INRUN
Operator	LEO GARZA

Comments

ZERO REFERENCE IS KB OF 25'.





Survey Report

Well Name: NORTH PURE GOLD 8 FED. #13H

Survey: FINAL INRUN

Survey Date: 7/18/2010

MD	Inc	Azim	TVD	VS	Northing	Easting	DLS	Closure Distance	Closure Angle
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00	0.00
100.00	0.40	45.94	100.00	0.24	0.24	0.25	0.40	0.35	45.94
200.00	0.37	68.36	200.00	0.60	0.60	0.80	0.15	1.00	52.95
300.00	0.34	33.68	300.00	0.96	0.97	1.26	0.21	1.59	52.48
400.00	0.21	8.70	399.99	1.39	1.40	1.45	0.17	2.01	46.08
500.00	0.30	282.59	499.99	1.63	1.64	1.22	0.36	2.04	36.66
600.00	0.60	280.31	599.99	1.79	1.79	0.45	0.30	1.85	13.95
700.00	0.37	304.27	699.99	2.07	2.07	-0.34	0.31	2.09	350.75
800.00	0.65	292.18	799.98	2.47	2.46	-1.13	0.30	2.71	335.38
900.00	0.50	293.00	899.98	2.86	2.85	-2.05	0.15	3.51	324.18
1000.00	0.52	279.74	999.97	3.11	3.09	-2.90	0.12	4.24	316.82
1100.00	0.33	282.97	1099.97	3.26	3.23	-3.63	0.19	4.86	311.67
1200.00	0.21	292.13	1199.97	3.39	3.37	-4.08	0.13	5.29	309.51
1300.00	0.10	305.89	1299.97	3.51	3.49	-4.32	0.11	5.55	308.90
1400.00	0.20	253.19	1399.97	3.52	3.49	-4.56	0.16	5.74	307.42
1500.00	0.13	5.20	1499.97	3.58	3.55	-4.72	0.27	5.90	306.95
1600.00	0.20	356.22	1599.97	3.86	3.83	-4.72	0.08	6.08	309.07
1700.00	0.19	355.98	1699.97	4.20	4.17	-4.74	0.01	6.31	311.32
1800.00	0.16	307.28	1799.97	4.45	4.42	-4.87	0.15	6.57	312.24
1900.00	0.10	10.58	1899.97	4.62	4.59	-4.96	0.15	6.76	312.74
2000.00	0.06	340.92	1999.97	4.75	4.72	-4.96	0.05	6.85	313.53
2100.00	0.13	295.66	2099.97	4.84	4.81	-5.08	0.09	7.00	313.45
2200.00	0.38	337.46	2199.97	5.20	5.17	-5.31	0.30	7.41	314.24
2300.00	0.47	327.16	2299.96	5.86	5.82	-5.66	0.12	8.12	315.82
2400.00	0.56	323.18	2399.96	6.60	6.56	-6.18	0.10	9.02	316.74
2500.00	0.69	320.94	2499.95	7.47	7.42	-6.85	0.13	10.10	317.30
2600.00	0.83	320.43	2599.94	8.50	8.45	-7.69	0.14	11.42	317.69
2700.00	0.93	322.96	2699.93	9.70	9.65	-8.64	0.11	12.95	318.17
2800.00	1.07	327.64	2799.92	11.15	11.08	-9.62	0.17	14.68	319.03
2900.00	1.00	346.37	2899.90	12.79	12.72	-10.33	0.34	16.39	320.93
3000.00	0.97	0.99	2999.89	14.49	14.42	-10.52	0.25	17.85	323.89
3100.00	0.88	355.78	3099.87	16.10	16.03	-10.56	0.13	19.20	326.62
3200.00	0.78	6.55	3199.86	17.54	17.47	-10.54	0.18	20.40	328.89
3300.00	0.94	46.54	3299.85	18.77	18.71	-9.87	0.61	21.15	332.19
3400.00	1.26	57.50	3399.83	19.92	19.87	-8.35	0.38	21.55	337.21
3500.00	1.45	72.74	3499.81	20.87	20.83	-6.21	0.41	21.74	343.41
3600.00	1.61	79.71	3599.77	21.48	21.46	-3.61	0.24	21.76	350.44
3700.00	1.95	90.31	3699.72	21.71	21.70	-0.53	0.47	21.71	358.60
3800.00	2.08	96.10	3799.66	21.48	21.50	2.97	0.24	21.70	7.86



Survey Report

Well Name: NORTH PURE GOLD 8 FED. #13H

Survey: FINAL INRUN

Survey Date: 7/18/2010

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
3900.00	1.84	97.34	3899.60	21.06	21.10	6.36	0.24	22.04	16.77
4000.00	1.11	98.53	3999.57	20.70	20.76	8.90	0.73	22.58	23.22
4100.00	0.90	106.94	4099.55	20.32	20.38	10.61	0.26	22.98	27.49
4200.00	0.78	103.10	4199.54	19.92	20.00	12.02	0.12	23.34	31.00
4300.00	0.77	108.77	4299.53	19.54	19.63	13.32	0.08	23.72	34.16
4400.00	0.66	118.07	4399.53	19.05	19.14	14.46	0.16	23.99	37.07
4500.00	0.51	145.16	4499.52	18.41	18.51	15.23	0.31	23.97	39.44
4600.00	0.46	150.44	4599.52	17.70	17.80	15.68	0.07	23.72	41.37
4700.00	0.43	137.11	4699.51	17.08	17.18	16.13	0.11	23.56	43.19
4800.00	0.44	148.79	4799.51	16.47	16.58	16.58	0.09	23.45	45.01
4900.00	-0.32	124.45	4899.51	15.98	16.09	17.01	0.20	23.41	46.59
5000.00	0.22	131.74	4999.51	15.69	15.80	17.38	0.10	23.49	47.73
5100.00	0.21	123.29	5099.51	15.46	15.57	17.68	0.03	23.56	48.63
5200.00	0.28	121.00	5199.51	15.23	15.35	18.04	0.07	23.69	49.61
5300.00	0.25	120.06	5299.51	14.99	15.11	18.44	0.03	23.84	50.66
5400.00	0.19	100.50	5399.51	14.85	14.97	18.79	0.10	24.03	51.45
5500.00	0.20	99.24	5499.50	14.79	14.92	19.13	0.01	24.25	52.05
5600.00	0.22	89.73	5599.50	14.76	14.89	19.49	0.04	24.52	52.62
5700.00	0.31	109.46	5699.50	14.67	14.80	19.93	0.13	24.82	53.40
5800.00	0.23	106.87	5799.50	14.52	14.65	20.37	0.08	25.10	54.28
5900.00	0.24	111.62	5899.50	14.38	14.52	20.76	0.02	25.33	55.03
6000.00	0.26	118.12	5999.50	14.20	14.33	21.15	0.04	25.55	55.88
6100.00	0.32	122.15	6099.50	13.94	14.08	21.59	0.07	25.78	56.90
6200.00	0.33	135.94	6199.50	13.57	13.72	22.03	0.08	25.95	58.10
6300.00	0.26	117.72	6299.50	13.26	13.40	22.44	0.12	26.13	59.15
6400.00	0.15	110.59	6399.50	13.10	13.25	22.76	0.11	26.34	59.79
6500.00	0.24	196.05	6499.49	12.85	13.00	22.83	0.28	26.27	60.34
6600.00	0.16	176.06	6599.49	12.51	12.65	22.78	0.11	26.06	60.95
6700.00	0.33	180.50	6699.49	12.08	12.23	22.79	0.17	25.86	61.78
6800.00	0.29	185.48	6799.49	11.55	11.69	22.76	0.05	25.59	62.81
6900.00	0.36	176.34	6899.49	10.99	11.13	22.76	0.09	25.33	63.93
7000.00	0.32	186.58	6999.49	10.40	10.55	22.74	0.07	25.07	65.12
7100.00	0.37	180.67	7099.49	9.80	9.95	22.71	0.06	24.79	66.34
7200.00	0.29	192.45	7199.48	9.23	9.38	22.65	0.10	24.51	67.51
7300.00	0.32	190.15	7299.48	8.71	8.85	22.55	0.03	24.22	68.57
7400.00	0.45	185.95	7399.48	8.04	8.19	22.46	0.13	23.90	69.96
7500.00	0.40	185.43	7499.48	7.31	7.46	22.38	0.05	23.59	71.58
7600.00	0.55	184.94	7599.47	6.48	6.63	22.31	0.16	23.27	73.46



Survey Report

Well Name: NORTH PURE GOLD 8 FED. #13H

Survey: FINAL INRUN

Survey Date: 7/18/2010

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
7700.00	0.71	178.20	7699.47	5.38	5.53	22.29	0.17	22.96	76.08
7800.00	0.82	174.36	7799.46	4.05	4.19	22.38	0.12	22.77	79.39
7900.00	0.93	178.81	7899.45	2.52	2.67	22.46	0.13	22.62	83.23
8000.00	1.03	177.78	7999.43	0.82	0.96	22.51	0.10	22.54	87.56
8100.00	1.05	176.58	8099.42	-1.00	-0.85	22.60	0.04	22.62	92.16
8200.00	1.08	169.99	8199.40	-2.85	-2.70	22.82	0.13	22.98	96.75
8300.00	1.33	171.29	8299.38	-4.93	-4.78	23.16	0.24	23.65	101.65
8400.00	1.62	179.13	8399.34	-7.48	-7.33	23.36	0.35	24.48	107.42
8500.00	1.78	178.91	8499.30	-10.44	-10.29	23.41	0.16	25.57	113.73
8600.00	1.84	177.87	8599.25	-13.60	-13.45	23.50	0.07	27.08	119.78
8700.00	1.85	186.49	8699.20	-16.81	-16.66	23.38	0.28	28.71	125.47
8800.00	1.93	191.88	8799.14	-20.05	-19.90	22.85	0.19	30.30	131.06
8900.00	1.81	194.20	8899.09	-23.22	-23.08	22.12	0.14	31.97	136.22
9000.00	1.78	203.83	8999.04	-26.17	-26.04	21.10	0.30	33.51	140.98
9100.00	1.93	203.25	9098.99	-29.13	-29.01	19.81	0.15	35.12	145.67
9200.00	2.03	203.20	9198.93	-32.30	-32.18	18.45	0.10	37.09	150.18
9300.00	2.26	205.48	9298.86	-35.70	-35.59	16.90	0.25	39.40	154.60
9400.00	2.35	207.31	9398.78	-39.29	-39.19	15.11	0.11	42.00	158.91
9500.00	2.45	203.85	9498.69	-43.05	-42.96	13.31	0.17	44.98	162.79
9600.00	2.31	201.38	9598.61	-46.86	-46.79	11.71	0.17	48.23	165.95
9700.00	2.20	201.59	9698.53	-50.51	-50.45	10.27	0.10	51.48	168.49
9800.00	2.30	197.37	9798.45	-54.21	-54.15	8.97	0.19	54.89	170.60
9900.00	2.24	196.54	9898.37	-57.98	-57.93	7.81	0.07	58.46	172.32
10000.00	1.87	191.22	9998.31	-61.45	-61.40	6.94	0.41	61.79	173.55
10100.00	1.86	190.99	10098.26	-64.64	-64.60	6.31	0.01	64.90	174.42
10200.00	1.92	193.09	10198.20	-67.85	-67.82	5.62	0.09	68.05	175.26
10300.00	1.61	192.55	10298.15	-70.85	-70.82	4.94	0.30	70.99	176.01
10400.00	1.52	194.39	10398.12	-73.50	-73.48	4.30	0.11	73.60	176.65
10500.00	1.32	171.22	10498.09	-75.92	-75.89	4.15	0.60	76.01	176.87
10600.00	1.51	169.61	10598.06	-78.35	-78.32	4.56	0.20	78.46	176.67
10700.00	1.50	171.15	10698.02	-80.95	-80.91	5.00	0.04	81.07	176.46
10800.00	1.59	172.48	10797.99	-83.62	-83.59	5.39	0.10	83.76	176.31
10900.00	1.04	182.85	10897.96	-85.91	-85.88	5.52	0.60	86.05	176.32
11000.00	0.96	195.38	10997.94	-87.62	-87.59	5.26	0.23	87.75	176.57
11100.00	0.96	195.54	11097.93	-89.23	-89.21	4.81	0.00	89.33	176.91
11200.00	0.96	198.93	11197.92	-90.84	-90.81	4.31	0.06	90.91	177.28
11300.00	0.93	209.54	11297.90	-92.33	-92.31	3.64	0.18	92.38	177.74
11400.00	0.88	197.69	11397.89	-93.77	-93.75	3.00	0.19	93.80	178.16



Survey Report

Well Name: NORTH PURE GOLD 8 FED. #13H
Survey: FINAL INRUN
Survey Date: 7/18/2010

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
11500.00	0.77	199.52	11497.88	-95.13	-95.12	2.55	0.12	95.15	178.47
11600.00	0.89	191.60	11597.87	-96.52	-96.51	2.17	0.16	96.53	178.71
11700.00	0.58	197.39	11697.86	-97.75	-97.74	1.86	0.32	97.76	178.91
11800.00	0.55	252.89	11797.86	-98.37	-98.36	1.26	0.52	98.37	179.27
11850.00	0.39	262.91	11847.85	-98.46	-98.45	0.86	0.34	98.46	179.50

Gyro TXT FILE.txt

Gyroscopic Survey Report for:
DEVON ENERGY

Well Location: EDDY COUNTY, NEW MEXICO
Well Name: NORTH PURE GOLD 8 FED. #13H
Rig Name: H & P #372
Survey Date: 7/18/2010
Latitude: 32.31 deg
North Reference: Grid North
Grid Correction: -0.29 deg
Depth Reference: RKB
Calculation Method: Minimum Curvature
Section (VS) Ref: 0.00N (ft), 0.00E (ft), 359.63Azim (deg)
Definitive Survey: FINAL INRUN
Operator: LEO GARZA

Comments:
ZERO REFERENCE IS KB OF 25'.

Measured Depth [ft]	Inclination [deg]	Azimuth [deg]	True Vertical Depth
[ft]	Vertical Section [ft]	Northing (Latitude) [ft]	Easting (Departure)
[ft]	Dog Leg Severity [deg/100ft]	Closure Distance [ft]	Closure Angle [deg]
0.00	0.00	0.00	0.00
100.00	0.40	45.94	100.00
200.00	0.37	68.36	200.00
300.00	0.34	33.68	300.00
400.00	0.21	8.70	399.99
500.00	0.30	282.59	499.99
600.00	0.60	280.31	599.99
700.00	0.37	304.27	699.99
800.00	0.65	292.18	799.98
900.00	0.50	293.00	899.98
1000.00	0.52	279.74	999.97
1100.00	0.33	282.97	1099.97
1200.00	0.21	292.13	1199.97
1300.00	0.10	305.89	1299.97
1400.00	0.20	253.19	1399.97
1500.00	0.13	5.20	1499.97
1600.00	0.20	356.22	1599.97
1700.00	0.19	355.98	1699.97
1800.00	0.16	307.28	1799.97
1900.00	0.10	10.58	1899.97
2000.00	0.06	340.92	1999.97
2100.00	0.13	295.66	2099.97
2200.00	0.38	337.46	2199.97
2300.00	0.47	327.16	2299.96
2400.00	0.56	323.18	2399.96
2500.00	0.69	320.94	2499.95
2600.00	0.83	320.43	2599.94
2700.00	0.93	322.96	2699.93
2800.00	1.07	327.64	2799.92
2900.00	1.00	346.37	2899.90
3000.00	0.97	0.99	2999.89
3100.00	0.88	355.78	3099.87
3200.00	0.78	6.55	3199.86
3300.00	0.94	46.54	3299.85
3400.00	1.26	57.50	3399.83
3500.00	1.45	72.74	3499.81
3600.00	1.61	79.71	3599.77
3700.00	1.95	90.31	3699.72
3800.00	2.08	96.10	3799.66
3900.00	1.84	97.34	3899.60
4000.00	1.11	98.53	3999.57

Gyro TXT FILE.txt

4100.00	0.90	106.94	4099.55	20.32	20.38	10.61	0.26	22.98	27.49
4200.00	0.78	103.10	4199.54	19.92	20.00	12.02	0.12	23.34	31.00
4300.00	0.77	108.77	4299.53	19.54	19.63	13.32	0.08	23.72	34.16
4400.00	0.66	118.07	4399.53	19.05	19.14	14.46	0.16	23.99	37.07
4500.00	0.51	145.16	4499.52	18.41	18.51	15.23	0.31	23.97	39.44
4600.00	0.46	150.44	4599.52	17.70	17.80	15.68	0.07	23.72	41.37
4700.00	0.43	137.11	4699.51	17.08	17.18	16.13	0.11	23.56	43.19
4800.00	0.44	148.79	4799.51	16.47	16.58	16.58	0.09	23.45	45.01
4900.00	0.32	124.45	4899.51	15.98	16.09	17.01	0.20	23.41	46.59
5000.00	0.22	131.74	4999.51	15.69	15.80	17.38	0.10	23.49	47.73
5100.00	0.21	123.29	5099.51	15.46	15.57	17.68	0.03	23.56	48.63
5200.00	0.28	121.00	5199.51	15.23	15.35	18.04	0.07	23.69	49.61
5300.00	0.25	120.06	5299.51	14.99	15.11	18.44	0.03	23.84	50.66
5400.00	0.19	100.50	5399.51	14.85	14.97	18.79	0.10	24.03	51.45
5500.00	0.20	99.24	5499.50	14.79	14.92	19.13	0.01	24.25	52.05
5600.00	0.22	89.73	5599.50	14.76	14.89	19.49	0.04	24.52	52.62
5700.00	0.31	109.46	5699.50	14.67	14.80	19.93	0.13	24.82	53.40
5800.00	0.23	106.87	5799.50	14.52	14.65	20.37	0.08	25.10	54.28
5900.00	0.24	111.62	5899.50	14.38	14.52	20.76	0.02	25.33	55.03
6000.00	0.26	118.12	5999.50	14.20	14.33	21.15	0.04	25.55	55.88
6100.00	0.32	122.15	6099.50	13.94	14.08	21.59	0.07	25.78	56.90
6200.00	0.33	135.94	6199.50	13.57	13.72	22.03	0.08	25.95	58.10
6300.00	0.26	117.72	6299.50	13.26	13.40	22.44	0.12	26.13	59.15
6400.00	0.15	110.59	6399.50	13.10	13.25	22.76	0.11	26.34	59.79
6500.00	0.24	196.05	6499.49	12.85	13.00	22.83	0.28	26.27	60.34
6600.00	0.16	176.06	6599.49	12.51	12.65	22.78	0.11	26.06	60.95
6700.00	0.33	180.50	6699.49	12.08	12.23	22.79	0.17	25.86	61.78
6800.00	0.29	185.48	6799.49	11.55	11.69	22.76	0.05	25.59	62.81
6900.00	0.36	176.34	6899.49	10.99	11.13	22.76	0.09	25.33	63.93
7000.00	0.32	186.58	6999.49	10.40	10.55	22.74	0.07	25.07	65.12
7100.00	0.37	180.67	7099.49	9.80	9.95	22.71	0.06	24.79	66.34
7200.00	0.29	192.45	7199.48	9.23	9.38	22.65	0.10	24.51	67.51
7300.00	0.32	190.15	7299.48	8.71	8.85	22.55	0.03	24.22	68.57
7400.00	0.45	185.95	7399.48	8.04	8.19	22.46	0.13	23.90	69.96
7500.00	0.40	185.43	7499.48	7.31	7.46	22.38	0.05	23.59	71.58
7600.00	0.55	184.94	7599.47	6.48	6.63	22.31	0.16	23.27	73.46
7700.00	0.71	178.20	7699.47	5.38	5.53	22.29	0.17	22.96	76.08
7800.00	0.82	174.36	7799.46	4.05	4.19	22.38	0.12	22.77	79.39
7900.00	0.93	178.81	7899.45	2.52	2.67	22.46	0.13	22.62	83.23
8000.00	1.03	177.78	7999.43	0.82	0.96	22.51	0.10	22.54	87.56
8100.00	1.05	176.58	8099.42	-1.00	-0.85	22.60	0.04	22.62	92.16
8200.00	1.08	169.99	8199.40	-2.85	-2.70	22.82	0.13	22.98	96.75
8300.00	1.33	171.29	8299.38	-4.93	-4.78	23.16	0.24	23.65	101.65
8400.00	1.62	179.13	8399.34	-7.48	-7.33	23.36	0.35	24.48	107.42
8500.00	1.78	178.91	8499.30	-10.44	-10.29	23.41	0.16	25.57	113.73
8600.00	1.84	177.87	8599.25	-13.60	-13.45	23.50	0.07	27.08	119.78
8700.00	1.85	186.49	8699.20	-16.81	-16.66	23.38	0.28	28.71	125.47
8800.00	1.93	191.88	8799.14	-20.05	-19.90	22.85	0.19	30.30	131.06
8900.00	1.81	194.20	8899.09	-23.22	-23.08	22.12	0.14	31.97	136.22
9000.00	1.78	203.83	8999.04	-26.17	-26.04	21.10	0.30	33.51	140.98
9100.00	1.93	203.25	9098.99	-29.13	-29.01	19.81	0.15	35.12	145.67
9200.00	2.03	203.20	9198.93	-32.30	-32.18	18.45	0.10	37.09	150.18
9300.00	2.26	205.48	9298.86	-35.70	-35.59	16.90	0.25	39.40	154.60
9400.00	2.35	207.31	9398.78	-39.29	-39.19	15.11	0.11	42.00	158.91
9500.00	2.45	203.85	9498.69	-43.05	-42.96	13.31	0.17	44.98	162.79
9600.00	2.31	201.38	9598.61	-46.86	-46.79	11.71	0.17	48.23	165.95
9700.00	2.20	201.59	9698.53	-50.51	-50.45	10.27	0.10	51.48	168.49
9800.00	2.30	197.37	9798.45	-54.21	-54.15	8.97	0.19	54.89	170.60
9900.00	2.24	196.54	9898.37	-57.98	-57.93	7.81	0.07	58.46	172.32
10000.00		1.87	191.22	9998.31	-61.45	-61.40	6.94	0.41	61.79
173.55									
10100.00		1.86	190.99	10098.26		-64.64	-64.60	6.31	0.01
64.90	174.42								

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10200.00	1.92	193.09	10198.20	-67.85	-67.82	5.62	0.09
68.05 175.26							
10300.00	1.61	192.55	10298.15	-70.85	-70.82	4.94	0.30
70.99 176.01							
10400.00	1.52	194.39	10398.12	-73.50	-73.48	4.30	0.11
73.60 176.65							
10500.00	1.32	171.22	10498.09	-75.92	-75.89	4.15	0.60
76.01 176.87							
10600.00	1.51	169.61	10598.06	-78.35	-78.32	4.56	0.20
78.46 176.67							
10700.00	1.50	171.15	10698.02	-80.95	-80.91	5.00	0.04
81.07 176.46							
10800.00	1.59	172.48	10797.99	-83.62	-83.59	5.39	0.10
83.76 176.31							
10900.00	1.04	182.85	10897.96	-85.91	-85.88	5.52	0.60
86.05 176.32							
11000.00	0.96	195.38	10997.94	-87.62	-87.59	5.26	0.23
87.75 176.57							
11100.00	0.96	195.54	11097.93	-89.23	-89.21	4.81	0.00
89.33 176.91							
11200.00	0.96	198.93	11197.92	-90.84	-90.81	4.31	0.06
90.91 177.28							
11300.00	0.93	209.54	11297.90	-92.33	-92.31	3.64	0.18
92.38 177.74							
11400.00	0.88	197.69	11397.89	-93.77	-93.75	3.00	0.19
93.80 178.16							
11500.00	0.77	199.52	11497.88	-95.13	-95.12	2.55	0.12
95.15 178.47							
11600.00	0.89	191.60	11597.87	-96.52	-96.51	2.17	0.16
96.53 178.71							
11700.00	0.58	197.39	11697.86	-97.75	-97.74	1.86	0.32
97.76 178.91							
11800.00	0.55	252.89	11797.86	-98.37	-98.36	1.26	0.52
98.37 179.27							
11850.00	0.39	262.91	11847.85	-98.46	-98.45	0.86	0.34
98.46 179.50							